

HydraTite Seal

Project: DOT Joint Repair

Application: Storm Culvert

Product Used: HydraTite Seal

Substrate / Area: Reinforced Concrete Pipe

Installation: June 2007

The Challenge

The rehabilitation of reinforced concrete storm drains under a major intersection. The Storm drains ranging from 18" to 36" diameter RCP fed into a main 72" diameter line.

The Solution

Inspection by Engineers revealed that the joints had opened up. In certain areas the joints had failed and storm water had eroded the surrounding soil producing sizable sink holes in the highway and surrounding areas.

To determine the most appropriate product an engineer inspected the lines. After approval of the repair by client, the HydraTite seals were manufactured and then installed in one day using trained personnel. The inspection, manufacture and installation were completed within 2 weeks of client authorizing the job to be started.

The crew and all materials entered through existing manholes and there was no above ground disruption to the traffic as the seals were installed.



HydraTite